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(54) Title: IMPROVEMENT OF PEPTIDE TRANSPORT BY CONJUGATION WITH BILE ACIDS

(57) Abstract: The present invention relates to improving and/or increasing the bioavailability of a biologically active substance, such as a peptide. In particular the present invention relates to the conjugation of the biologically active substance to a bile acid. The conjugated biologically active substance is suitable particularly for oral or parental administration.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 446 026 A (RUFF ET AL.) 29 August 1995 (1995-08-29) claim 1	1-10, 12, 15-23
X	--- P W SWAAN ET AL.: "Enhanced transepithelial transport of peptides by conjugation to cholic acid" BIOCONJUGATE CHEMISTRY., vol. 8, no. 4, 1997, pages 520-525, XP002158726 AMERICAN CHEMICAL SOCIETY, WASHINGTON., US ISSN: 1043-1802 the whole document --- -/--	1-10, 15-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 417 725 A (HOECHST AG) 20 March 1991 (1991-03-20) the whole document & US 5 646 272 A 8 July 1997 (1997-07-08) cited in the application -----	1-23
A	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; STEPHAN, ZOUHAIR F. ET AL: "Reduction of cardiovascular and thyroxine-suppressing activities of L-T3 by liver targeting with cholic acid" retrieved from STN Database accession no. 117:63425 CA XP002158727 cited in the application & BIOCHEM. PHARMACOL. (1992), 43(9), 1969-74 , 1992, abstract -----	1-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

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